

=> s e3-e32

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1 271259-86-0/BI
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1 271259-90-6/BI
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1 271260-06-1/BI
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1 271260-08-3/BI
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1 271260-11-8/BI
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2 50681-33-9/BI
2 55592-30-8/BI

L14

271259-88

4 (191486-99-4/BI OR 271259-86-0/BI OR 271259-87-1/BI OR

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7/BI OR 271260-03-8/BI OR 271260-04-9/BI OR 271260-05-0/BI OR
271260-06-1/BI OR 271260-07-2/BI OR 271260-08-3/BI OR

271260-09-

4/BI OR 271260-10-7/BI OR 271260-11-8/BI OR 271260-12-9/BI OR
50681-33-9/BI OR 55592-30-8/BI)

=> d ibib 1-4

=> S 191486-99-4/RN

L10 1 191486-99-4/RN

=> D L10 SQIDE TOTAL

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS

RN 191486-99-4 REGISTRY

CN Estra-1,3,5(10)-triene-3,17-diol, 11-(3-butenyl)-, (11.beta.,17.beta.)-
(9CI) (CA INDEX NAME)

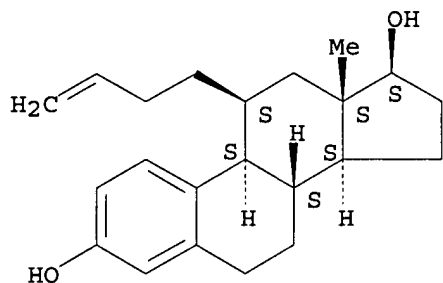
FS STEREOSEARCH

MF C22 H30 O2

SR CA

LC STN Files: CA, CAPLUS, TOXLIT

Absolute stereochemistry.



2 REFERENCES IN FILE CA (1967 TO DATE)

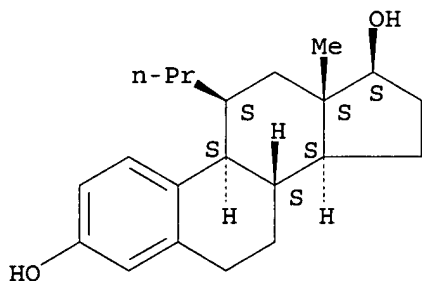
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 50681-33-9 REGISTRY
CN Estra-1,3,5(10)-triene-3,17-diol, 11-propyl-, (11.beta.,17.beta.)- (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN 11.beta.-Propylestra-1,3,5(10)-triene-3,17.beta.-diol
FS STEREOSEARCH
MF C21 H30 O2
LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

L14 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1997:435821 CAPLUS
 DOCUMENT NUMBER: 127:76140
 TITLE: Steroidal Affinity Labels of the Estrogen Receptor.
 3.

Estradiol 11.beta.-n-Alkyl Derivatives Bearing a Terminal Electrophilic Group: Antiestrogenic and Cytotoxic Properties
 AUTHOR(S): Lobaccaro, Carole; Pons, Jean-Francois; Duchesne, Marie-Josephe; Auzou, Gilles; Pons, Michel; Nique, Francois; Teutsch, Georges; Borgna, Jean-Louis
 CORPORATE SOURCE: INSERM Unite 439, Montpellier, 34090, Fr.
 SOURCE: J. Med. Chem. (1997), 40(14), 2217-2227
 CODEN: JMCMAR; ISSN: 0022-2623
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L14 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1975:140387 CAPLUS
 DOCUMENT NUMBER: 82:140387
 TITLE: Steroid haptens
 INVENTOR(S): Torelli, Vesperto; Pierdet, Andre
 PATENT ASSIGNEE(S): Roussel-UCLAF
 SOURCE: Ger. Offen., 45 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2429040	A1	19750109	DE 1974-2429040	19740618
DE 2429040	C2	19851031		
FR 2235949	A1	19750131	FR 1973-22114	19730618
SE 7407108	A	19741219	SE 1974-7108	19740529
SE 402461	C	19781012		
BE 816457	A1	19741217	BE 1974-145533	19740617
NL 7408041	A	19741220	NL 1974-8041	19740617
DK 7403222	A	19750210	DK 1974-3222	19740617
US 3922292	A	19751125	US 1974-479889	19740617
ZA 7403841	A	19760128	ZA 1974-3841	19740617
ES 427318	A1	19760916	ES 1974-427318	19740617
BR 7404979	A0	19750121	BR 1974-4979	19740618
JP 50036451	A2	19750405	JP 1974-68809	19740618
JP 58027280	B4	19830608		
AU 7470148	A1	19751218	AU 1974-70148	19740618
GB 1478356	A	19770629	GB 1974-27131	19740618
GB 1478357	A	19770629	GB 1977-3645	19740618
AT 7405043	A	19770915	AT 1974-5043	19740618
ES 448013	A1	19770701	ES 1976-448013	19760517
ES 448012	A1	19770701	ES 1976-448012	19760517
AT 351690	B	19790810	AT 1976-9863	19761230
AT 7609863	A	19790115		
JP 58090597	A2	19830530	JP 1982-189370	19821029
JP 59034200	B4	19840821		
JP 58090600	A2	19830530	JP 1982-189371	19821029
JP 58038440	B4	19830823		

JP 60001200	A2	19850107	JP 1984-73124	19840413
JP 62041719	B4	19870904		
PRIORITY APPLN. INFO.:			FR 1973-22114	19730618
			AT 1974-5043	19761230

L14 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1973:537382 CAPLUS
 DOCUMENT NUMBER: 79:137382
 TITLE: 11-Alkyl steroids
 INVENTOR(S): Baran, John S.; Liang, Chi-Dean
 PATENT ASSIGNEE(S): Searle, G. D., and Co.
 SOURCE: U.S., 4 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
US 3755301	A	19730828	US 1972-265802	19720623
GB 1387960	A	19750319	GB 1973-29512	19730621
PRIORITY APPLN. INFO.:			US 1972-265802	19720623

L7 ANSWER 8 OF 32
ACCESSION NUMBER:
TITLE (ENGLISH):

PCTFULL COPYRIGHT 2001 MicroPatent
2000031112 PCTFULL EW 200022 ED 20000703
ESTROGENIC ESTRA-1,3,5(10)-TRIENES WITH DIFFERENTIAL
EFFECTS ON
THE ALPHA AND BETA ESTROGEN RECEPTORS, HAVING A

LINEAR

TITLE (FRENCH):
LINEAIRE

HYDROCARBON CHAIN
OF FROM 5-9 CARBON ATOMS IN POSITION 11
ESTRA-1,3,5(10)-TRIENES A CHAINE HYDROCARBURE

INVENTOR(S):

DE 5-9
ATOMES DE C EN POSITION 11, AYANT DES EFFETS
DIFFERENTIELS SUR LES
RECEPTEURS ALPHA ET BETA DES OESTROGENES

PATENT ASSIGNEE(S):

LOOZEN, Hubert, Jan, Jozef; SCHOONEN,
Wilhelmus, Gerardus, Eduardus, Joseph

LANGUAGE OF PUBL.:

AKZO NOBEL N.V.

LANGUAGE OF FILING:

English

DOCUMENT TYPE:

English

PATENT INFORMATION:

Patent

DESIGNATED STATES:

NUMBER	KIND	DATE
WO 2000031112	A1	20000602
AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IN IS JP		
KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI		
SK SL TR TT UA US UZ VN YU ZA GH GM KE LS MW SD SL SZ		
TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK		
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM		
GA GN GW ML MR NE SN TD TG		

APPLICATION INFO.:

WO 1999-EP9053 19991118

PRIORITY (ORIGINAL):

EP 1998-98203914.1 19981120

ACCESSION NUMBER: 869132 EUROPATFULL EW 199841 FS OS
 TITLE: Steroid compounds having contraceptive and anti-osteoporosis activity.
 Steroide als Mittel zur Kontrazeption und gegen Osteoporose.
 Steroides ayant activite contraceptif et antiosteoporotique.

INVENTOR(S): Loozen, H. J. J., Meerhoek 602, 5403 AC Uden, NL
 PATENT ASSIGNEE(S): **Akzo Nobel N.V.**,
 Velperweg 76, 6824 BM Arnhem, NL

PATENT ASSIGNEE NO: 200754
 AGENT: Kraak, Hajo et al, N.V. Organon, Postbus 20, 5340 BH Oss, NL

AGENT NUMBER: 73663
 OTHER SOURCE: ESP1998069 EP 0869132 A1 981007
 SOURCE: Wila-EPZ-1998-H41-T1a
 DOCUMENT TYPE: Patent
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE

PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG
 PATENT INFORMATION:

PATENT NO	KIND	DATE

EP 869132	A1	19981007
		19981007
EP 1998-200518		19980218
EP 1997-102884		19970221

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 869132 EUROPATFULL EW 200136 FS PS
 TITLE: "Steroid compounds having contraceptive and anti-osteoporosis activity".
 Steroide als Mittel zur Kontrazeption und gegen Osteoporose.
 Steroides ayant activite contraceptif et antiosteoporotique.

INVENTOR(S): Loozen, H. J. J., Meerhoek 602, 5403 AC Uden, NL
 PATENT ASSIGNEE(S): **Akzo Nobel N.V.**,
 Velperweg 76, 6824 BM Arnhem, NL

PATENT ASSIGNEE NO: 200754
 AGENT: Kraak, Hajo et al., N.V. Organon, Postbus 20, 5340 BH Oss, NL

AGENT NUMBER: 73663
 OTHER SOURCE: BEPB2001039 EP 0869132 B1 0026
 SOURCE: Wila-EPS-2001-H36-T1
 DOCUMENT TYPE: Patent
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R NL; R PT; R SE

PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT
 PATENT INFORMATION:

PATENT NO	KIND	DATE

EP 869132	B1	20010905
		19981007
EP 1998-200518		19980218
EP 1997-1997102884		19970221

'OFFENLEGUNGS' DATE: 19981007
 APPLICATION INFO.: EP 1998-200518 19980218
 PRIORITY APPLN. INFO.: EP 1997-1997102884 19970221

REFERENCE PAT. INFO.: EP 411733 A WO 94-18224 A
REF. NON-PATENT-LIT.: J. WANG & P.J. DE CLERCQ: "Estramycins: a new diyl
precursol family derived from estradiol" ANGEWANDTE
CHEMIE INTERNATIONAL EDITION., vol. 34, no. 16, 1995,
WEINHEIM DE, pages 1749-1752, XP002036408

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